

EMTEC -Eastern Montana Technology Education Consortium
Terry K-12—Prime Applicant District

Partner Districts: Circle Elementary, Circle High School, Ekalaka Elementary, Fairview Elementary, Garfield Co High School, Jordan Elementary, Kinsey Elementary, Lambert Elementary, Lambert High School, Lindsay Elementary, Miles City Elementary, and Richey Elementary

University Mentor(s): MSU-Bozeman Teacher Education Program—Dr. Joan Cook,

Mentor(s) at Large: T.E.S.T., Northern Rockies Education Services

Internal Evaluator: Dr. Changhua Wang—Northwest Regional Education Laboratory

Abstract: Eastern Montana Technology Education Consortium (EMTEC) was created in 2003 to facilitate collaboration and coordination to effectively integrate current technology and research-based instructional methods into their classrooms. It is designed to develop and implement quality on-going professional development to support teachers in restructuring their teaching methods to embed technology, provide continuing evaluation of new pedagogical approaches, and experiment with new technologies and student enrichment materials while focusing on improving student achievement in reading and mathematics. The project focused on sustainable professional development using Intel Teach to the Future training along with instructional immersion in technology systems.

EMTEC has been very successful and would like to expand its partnership to additional schools in eastern Montana. Through the help of great partnerships, EMTEC schools will receive high quality sustainable training. Total Educational Solutions in Technology (T.E.S.T.) will provide a Technology Integration Mentor that will travel to the schools monthly to work with teachers. Technology Proficient Mentors Montana State University-Bozeman will offer graduate level courses to teachers online. Northern Rockies Educational Services (NRES) will provide Technology Proficient Mentors who will train and support “Master Trainers” from each school. Master Trainers (M.T.’s) from each consortium school will receive extensive and broad technology training to enhance their technology skills, strengthen their mentoring capabilities, and identify effective best practices models in technology integration. This will be accomplished through a 40 hour Intel Teach to the Future training course in the summer, followed by on-site trainings, regional cohort meetings, and ongoing support in person and online. The M.T.’s will then provide the Intel training throughout their schools with support of the Technology Integration Mentor.

EMTEC will host Grade Level/Subject Specific Lesson Development workshops for all teachers completing the Intel Training. This will give teachers the opportunity to network with teachers from other schools while further developing technology rich lessons to be used in the classroom and published to a teacher resource center website. Mentor Teacher from area schools will help facilitate these workshops.